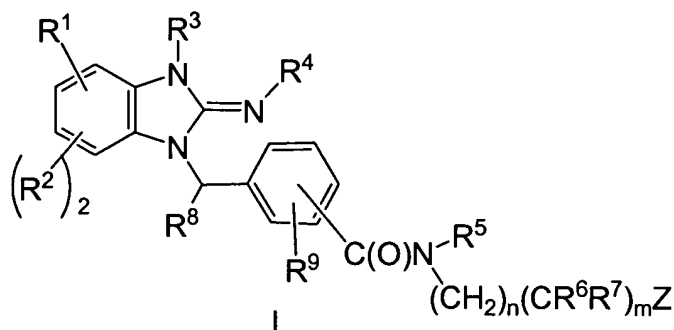


## AMENDMENTS TO THE CLAIMS

Please cancel Claims 21-44. This listing of claims will replace all prior versions, and listings, of claims in the application.

### Listing of Claims

1. (original) A compound represented by formula I:



or a pharmaceutically acceptable salt or solvate thereof, wherein:

$R^1$  represents H or is independently selected from the group consisting of:

- a) OH, halo,  $\text{CO}_2\text{R}^a$ ,  $\text{C}(\text{O})\text{NR}^b\text{R}^c$ ,  $\text{NR}^b\text{R}^c$ , CN or  $\text{S}(\text{O})_p\text{R}^d$ ;
- b)  $\text{C}_{1-10}$ alkyl,  $\text{C}_{2-10}$ alkenyl,  $\text{C}_{2-10}$ alkynyl,  $\text{OC}_{1-10}$ alkyl,  $\text{OC}_{3-10}$ alkenyl and  $\text{OC}_{3-10}$ alkynyl, said groups being optionally substituted with:

- (1) 1-5 halo groups up to a perhaloalkyl group;
- (2) 1 oxo group;
- (3) 1-2 OH groups;
- (4) 1-2  $\text{C}_{1-10}$ alkoxy groups, each optionally substituted with:  
up to five halo or a perhaloalkoxy, 1 OH or  $\text{CO}_2\text{R}^a$  group;
- (5) 1  $\text{CO}_2\text{R}^a$  or  $\text{S}(\text{O})_p\text{R}^d$ ;
- (6) 1-2 Aryl, Hetcy or HAR groups, each optionally substituted as follows:
  - (a) 1-5 halo groups,
  - (b) 1 OH,  $\text{CO}_2\text{R}^a$ , CN,  $\text{S}(\text{O})_p\text{R}^d$ ,  $\text{NO}_2$  or  $\text{C}(\text{O})\text{NR}^b\text{R}^c$ ,
  - (c) 1-2  $\text{C}_{1-10}$ alkyl or alkoxy groups, each optionally substituted with: 1-5

halo, up to perhaloalkyl, and 1-2 OH or  $\text{CO}_2\text{R}^a$  groups; and

(d) 1-2 phenyl rings, each of which is optionally substituted as follows: 1-5 halo groups up to perhalo, 1-3 C<sub>1-10</sub>alkyl or alkoxy groups, each being further optionally substituted with 1-5 halo up to perhalo, or 1-2 hydroxy or CO<sub>2</sub>R<sup>a</sup> groups;

c) Aryl, HAR, Hetcy, -O-Aryl, -O-HAR and -O-Hetcy, each optionally substituted as set forth below:

(1) 1-3 C<sub>1-10</sub>alkyl, C<sub>2-10</sub>alkenyl or C<sub>2-10</sub>alkynyl groups optionally substituted with 1-5 halo groups; 1-2 OH groups; phenyl optionally substituted with 1-3 halo, C<sub>1-6</sub> alkyl or C<sub>1-6</sub> alkoxy groups, the alkyl and alkoxy groups being further optionally substituted with 1-3 halo groups; CO<sub>2</sub>R<sup>a</sup>; CN or S(O)<sub>p</sub>R<sup>d</sup> groups; and

(2) 1-3 C<sub>1-10</sub>alkoxy groups, the alkyl portion of which is optionally substituted with 1-5 halo groups, 1-2 OH; phenyl optionally substituted with 1-3 halo, C<sub>1-6</sub> alkyl or C<sub>1-6</sub> alkoxy groups, the alkyl and alkoxy groups being further optionally substituted with 1-3 halo groups; CO<sub>2</sub>R<sup>a</sup>; CN or S(O)<sub>p</sub>R<sup>d</sup> groups;

said Aryl, HAR, Hetcy -O-Aryl, -O-HAR and -O-Hetcy group c) being further optionally substituted on carbon by a group selected from the group consisting of;

- (3) 1-5 halo groups;
- (4) 1-2 OH groups;
- (5) 1 S(O)<sub>p</sub>R<sup>d</sup>, NO<sub>2</sub> or CN group;
- (6) 1-2 CO<sub>2</sub>R<sup>a</sup>;
- (7) -C(O)NR<sup>b</sup>R<sup>c</sup>;

each R<sup>2</sup> represents H or is independently selected from the group consisting of:

a) OH, halo, CO<sub>2</sub>R<sup>a</sup>, C(O)NR<sup>b</sup>R<sup>c</sup>, NR<sup>b</sup>R<sup>c</sup>, CN or S(O)<sub>p</sub>R<sup>d</sup>;

b) C<sub>1-10</sub>alkyl, C<sub>2-10</sub>alkenyl, C<sub>2-10</sub>alkynyl, OC<sub>1-10</sub>alkyl, OC<sub>3-10</sub>alkenyl and OC<sub>3-10</sub>alkynyl, said groups being optionally substituted with:

- (1) 1-5 halo groups up to a perhaloalkyl group;
- (2) 1 oxo group;

- (3) 1 OH group;
- (4) 1 C<sub>1-10</sub>alkoxy group, each optionally substituted with:  
up to five halo or a perhaloalkoxy, 1 OH or CO<sub>2</sub>R<sup>a</sup> group;
- (5) 1 CO<sub>2</sub>R<sup>a</sup> or S(O)<sub>p</sub>R<sup>d</sup>;
- (6) 1 Aryl, Hetcy or HAR group, each optionally substituted as follows:
  - (a) 1-5 halo groups,
  - (b) 1 OH, CO<sub>2</sub>R<sup>a</sup>, CN, S(O)<sub>p</sub>R<sup>d</sup>, NO<sub>2</sub> or C(O)NR<sup>b</sup>R<sup>c</sup>,
  - (c) 1-2 C<sub>1-10</sub>alkyl or alkoxy groups, each optionally substituted with: 1-5 halo, up to perhaloalkyl, and 1-2 OH or CO<sub>2</sub>R<sup>a</sup> groups; and
  - (d) 1-2 phenyl rings, each of which is optionally substituted as follows: 1-5 halo groups up to perhalo; 1-3 C<sub>1-10</sub>alkyl or alkoxy groups, each being further optionally substituted with 1-5 halo up to perhalo; and 1-2 hydroxy or CO<sub>2</sub>R<sup>a</sup> groups;

c) Aryl, HAR, Hetcy, -O-Aryl, -O-HAR and -O-Hetcy, each optionally substituted as set forth below:

- (1) 1-3 C<sub>1-10</sub>alkyl, C<sub>2-10</sub>alkenyl or C<sub>2-10</sub>alkynyl groups optionally substituted with 1-5 halo groups, 1-2 OH, phenyl, CO<sub>2</sub>R<sup>a</sup>, CN or S(O)<sub>p</sub>R<sup>d</sup> groups;
- (2) 1-3 C<sub>1-10</sub>alkoxy groups, the alkyl portion of which is optionally substituted with 1-5 halo groups, 1-2 OH, phenyl, CO<sub>2</sub>R<sup>a</sup>, CN or S(O)<sub>p</sub>R<sup>d</sup> groups;

said Aryl, HAR or Hetcy group c) being further optionally substituted on carbon by a group selected from the group consisting of;

- (3) 1-5 halo groups up to perhalo;
- (4) 1 OH group;
- (5) 1 S(O)<sub>p</sub>R<sup>d</sup>, NO<sub>2</sub> or CN group;
- (6) 1 CO<sub>2</sub>R<sup>a</sup>;

R<sup>3</sup> is selected from the group consisting of:

- a) C<sub>1-10</sub>alkyl or C<sub>2-10</sub>alkenyl, each optionally substituted with

1-5 halo groups up to perhalo;

1-2 OH, C<sub>1-3</sub>alkoxy or haloC<sub>1-3</sub>alkoxy groups;

1-2 NR<sup>c</sup>R<sup>d</sup> groups; and

1-2 Aryl, HAR or Hetcy groups, each optionally substituted with 1-3 halo groups and 1-2 groups selected from CN, NO<sub>2</sub>, C<sub>1-3</sub>alkyl, haloC<sub>1-3</sub>alkyl, C<sub>1-3</sub>alkoxy and haloC<sub>1-3</sub> alkoxy groups,

b) Aryl, HAR or Hetcy, each optionally substituted with 1-3 halo groups and 1-2 groups selected from CN, NO<sub>2</sub>, C<sub>1-3</sub>alkyl, haloC<sub>1-3</sub>alkyl, C<sub>1-3</sub>alkoxy and haloC<sub>1-3</sub> alkoxy groups;

R<sup>4</sup> is independently selected from the group consisting of: Aryl, HAR or Hetcy, each optionally substituted as set forth below:

(1) 1-3 C<sub>1-14</sub>alkyl, C<sub>2-10</sub>alkenyl or C<sub>2-10</sub>alkynyl groups optionally substituted with 1-5 halo groups, 1-2 OH, CO<sub>2</sub>R<sup>a</sup>, CN or S(O)<sub>p</sub>R<sup>d</sup> groups or phenyl optionally substituted as follows: 1-5 halo groups up to perhalo; 1-3 C<sub>1-10</sub>alkyl or alkoxy groups, each being further optionally substituted with 1-5 halo up to perhalo, or 1-2 hydroxy or CO<sub>2</sub>R<sup>a</sup> groups;

(2) 1-3 C<sub>1-10</sub>alkoxy or C<sub>3-10</sub>alkenyloxy groups, the alkyl portion of which is optionally substituted with 1-5 halo groups, 1-2 OH, CO<sub>2</sub>R<sup>a</sup>, CN, S(O)<sub>p</sub>R<sup>d</sup>, and phenyl optionally substituted as follows: 1-5 halo groups up to perhalo; 1-3 C<sub>1-10</sub>alkyl or alkoxy groups, each being further optionally substituted with 1-5 halo up to perhalo, or 1-2 hydroxy or CO<sub>2</sub>R<sup>a</sup> groups;

(3) 1-2 Aryl, HAR or Hetcy, OAr, OHAR or OHetcy groups, each optionally substituted as follows:

(i) 1-3 halo groups;

(ii) 1-2 C<sub>1-10</sub>alkyl, C<sub>2-10</sub>alkenyl or C<sub>2-10</sub>alkynyl groups each optionally substituted with 1-5 halo groups, 1-2 OH, phenyl, CO<sub>2</sub>R<sup>a</sup>, CN or S(O)<sub>p</sub>R<sup>d</sup> groups;

(iii) 1-2 C<sub>1-10</sub>alkoxy groups the alkyl portion of which being optionally substituted with 1-5 halo groups, 1-2 OH, phenyl, CO<sub>2</sub>R<sup>a</sup>, CN or S(O)<sub>p</sub>R<sup>d</sup> groups; and

(iv) 1-2 CO<sub>2</sub>R<sup>a</sup>, S(O)<sub>p</sub>R<sup>d</sup>, CN, NR<sup>b</sup>R<sup>c</sup>, NO<sub>2</sub> or OH groups;

said Aryl, HAR or Hetcy group R<sup>4</sup> being further optionally substituted on carbon by a group selected from the group consisting of;

- (4) 1-5 halo groups;
- (5) 1-2 OH groups;
- (6) 1 S(O)<sub>p</sub>R<sup>d</sup>, NO<sub>2</sub> or CN group;
- (7) 1-2 CO<sub>2</sub>R<sup>a</sup>;

R<sup>5</sup> represents H or C<sub>1-6</sub> alkyl;

R<sup>6</sup> is selected from the group consisting of H, OH, F or C<sub>1-3</sub>alkyl;

R<sup>7</sup> is H or F, or R<sup>6</sup> and R<sup>7</sup> are taken in combination and represent oxo;

R<sup>8</sup> represents H or C<sub>1-6</sub> alkyl, optionally substituted with OH and 1-5 halo groups up to perhalo;

R<sup>9</sup> represents H, halo, OH, C<sub>1-6</sub>alkyl, optionally substituted with 1-5 halo groups up to perhalo, or C<sub>1-6</sub>alkoxy, optionally substituted with 1-3 halo groups up to perhalo,

or when R<sup>9</sup> is ortho to the benzylic group, R<sup>8</sup> and R<sup>9</sup> can be taken together and represent a -(CH<sub>2</sub>)<sub>2-4</sub>- or a -O-(CH<sub>2</sub>)<sub>1-3</sub>- group;

R<sup>a</sup> is H or C<sub>1-10</sub>alkyl, optionally substituted with phenyl, OH, OC<sub>1-6</sub>alkyl, CO<sub>2</sub>H, CO<sub>2</sub>C<sub>1-6</sub>alkyl and 1-3 halo groups;

R<sup>b</sup> is H or C<sub>1-10</sub>alkyl;

R<sup>c</sup> is H or is independently selected from:

(a) C<sub>1-10</sub>alkyl, optionally substituted with OH, OC<sub>1-6</sub>alkyl, CO<sub>2</sub>H, CO<sub>2</sub>C<sub>1-6</sub>alkyl, and 1-3 halo groups;

(b) Aryl or Ar-C<sub>1-6</sub>alkyl, each optionally substituted with 1-5 halos and 1-3 members selected from the group consisting of: CN, OH, C<sub>1-10</sub>alkyl and OC<sub>1-10</sub> alkyl, said alkyl and alkoxy being further optionally substituted with 1-5 halo groups up to perhalo;

(c) Hetcy or Hetcy-C<sub>1-6</sub>alkyl, optionally substituted with 1-5 halo groups and 1-3 groups selected from: oxo, C<sub>1-10</sub>alkyl and OC<sub>1-10</sub> alkyl, said alkyl and alkoxy being further optionally substituted with 1-5 halo groups up to perhalo; and

(d) HAR or HAR-C<sub>1-6</sub>alkyl, optionally substituted with 1-5 halo groups and 1-3 groups selected from: C<sub>1-10</sub>alkyl and OC<sub>1-10</sub> alkyl, said alkyl and alkoxy being further optionally substituted with 1-5 halo groups up to perhalo;

R<sup>d</sup> is C<sub>1-10</sub>alkyl, Aryl or Ar-C<sub>1-10</sub>alkyl;

m is an integer selected from 0, 1 and 2;

n is an integer selected from 0 to 6;

p is an integer selected from 0, 1 and 2, and

when at least one of m and n is other than 0, Z is selected from CO<sub>2</sub>R<sup>a</sup>, 5-tetrazolyl and 5-(2-oxo-1,3,4-oxadiazolyl), and when both m and n are 0, Z is selected from 5-tetrazolyl and 5-(2-oxo-1,3,4-oxadiazolyl).

2. **(original)** A compound in accordance with claim 1 wherein R<sup>1</sup> is selected from the group consisting of: H, halo, C<sub>1-10</sub>alkyl and OC<sub>1-10</sub>alkyl, said alkyl and O-alkyl groups being optionally substituted with 1-5 halo groups up to a perhaloalkyl or perhaloalkoxy.

3. **(original)** A compound in accordance with claim 2 wherein R<sup>1</sup> is selected from the group consisting of: H, halo, C<sub>1-4</sub> alkyl, C<sub>1-4</sub> alkoxy, said alkyl and alkoxy being optionally substituted with 1-3 halo groups.

4. **(original)** A compound in accordance with claim 1 wherein each R<sup>2</sup> represents H or is independently selected from the group consisting of:

a) halo or S(O)<sub>p</sub>R<sup>d</sup>; wherein p is 2 and R<sup>d</sup> represents C<sub>1-10</sub>alkyl;

b) C<sub>1-10</sub>alkyl, C<sub>2-10</sub>alkenyl, OC<sub>1-10</sub>alkyl and OC<sub>3-10</sub>alkenyl, said groups being optionally substituted with:

- (1) 1-5 halo groups up to a perhaloalkyl group;
  - (2) 1 C<sub>1-10</sub>alkoxy group, each optionally substituted with:  
up to five halo or perhaloalkoxy, 1 OH or CO<sub>2</sub>R<sup>a</sup> group;
  - (3) 1 Aryl or HAR group, each optionally substituted as follows:
    - (a) 1-5 halo groups,
    - (b) 1-2 C<sub>1-10</sub>alkyl or alkoxy groups, each optionally substituted with: 1-5 halo, up to perhaloalkyl, and 1-2 OH or CO<sub>2</sub>R<sup>a</sup> groups;
- c) Aryl or HAR, each optionally substituted with:
- (1) 1-2 C<sub>1-10</sub>alkyl groups optionally substituted with 1-5 halo groups;
  - (2) 1-2 C<sub>1-10</sub>alkoxy groups, the alkyl portion of which is optionally substituted with 1-5 halo groups;
- said Aryl or HAR being further optionally substituted on carbon by 1-3 halo groups; up to perhalo.

**5. (original)** A compound in accordance with claim 4 wherein one R<sup>2</sup> group represents H and the other represents H or is selected from the group consisting of:

- a) halo or S(O)<sub>p</sub>R<sup>d</sup>; wherein p is 2 and R<sup>d</sup> represents C<sub>1-10</sub>alkyl;
  - b) C<sub>1-10</sub>alkyl, C<sub>2-10</sub>alkenyl, OC<sub>1-10</sub>alkyl or OC<sub>3-10</sub>alkenyl, said groups being optionally substituted with:
    - (1) 1-5 halo groups up to a perhaloalkyl group;
    - (2) 1 C<sub>1-10</sub>alkoxy group, each optionally substituted with:  
up to five halo or a perhaloalkoxy, 1 OH or CO<sub>2</sub>R<sup>a</sup> group;
    - (3) 1 Aryl or HAR group, each optionally substituted as follows:
      - (a) 1-5 halo groups,
      - (b) 1-2 C<sub>1-10</sub>alkyl or alkoxy groups, each optionally substituted with: 1-5 halo, up to perhaloalkyl, and 1-2 OH or CO<sub>2</sub>R<sup>a</sup> groups;
- c) Aryl or HAR, each optionally substituted with:
- (1) 1-2 C<sub>1-10</sub>alkyl groups optionally substituted with 1-5 halo groups;
  - (2) 1-2 C<sub>1-10</sub>alkoxy groups, the alkyl portion of which is optionally substituted with 1-5 halo groups;

said Aryl or HAR being further optionally substituted on carbon by 1-3 halo groups; up to perhalo. Within this subset, all other variables are as originally defined with respect to formula I.

6. **(original)** A compound in accordance with claim 5 wherein:

one R<sup>2</sup> group represents H and the other represents H or a member selected from the group consisting of:

a) halo or S(O)<sub>p</sub>R<sup>d</sup>; wherein p is 2 and R<sup>d</sup> represents C<sub>1-2</sub>alkyl;

b) C<sub>1-4</sub>alkyl, C<sub>2-4</sub>alkenyl, OC<sub>1-4</sub>alkyl or OC<sub>3-4</sub>alkenyl, said groups being optionally substituted with:

(1) 1-5 halo groups up to a perhaloalkyl group;

(2) 1 C<sub>1-4</sub>alkoxy group, optionally substituted with:  
up to 3 halo or a perhaloalkoxy group;

(3) 1 Aryl or HAR group, each optionally substituted as follows:

(a) 1-3 halo groups,

(b) 1 C<sub>1-4</sub>alkyl or alkoxy group, each optionally substituted with: 1-3 halo,

up to perhaloalkyl, groups;

c) Aryl or HAR, each optionally substituted with:

(1) 1-2 C<sub>1-4</sub>alkyl groups optionally substituted with 1-3 halo groups;

(2) 1-2 C<sub>1-4</sub>alkoxy groups, the alkyl portion of which is optionally substituted with 1-3 halo groups;

said Aryl or HAR being further optionally substituted on carbon by 1-3 halo groups; up to perhalo.

7. **(original)** A compound in accordance with claim 1 wherein R<sup>3</sup> is selected from the group consisting of:

a) C<sub>1-6</sub>alkyl optionally substituted with:

1-3 halo groups up to perhalo;

1 OH, C<sub>1-3</sub>alkoxy or haloC<sub>1-3</sub>alkoxy group;

1 NR<sup>c</sup>R<sup>d</sup> group; and

1 Aryl or HAR group, each optionally substituted with 1-3 halo groups and 1-2 groups selected from C<sub>1-3</sub>alkyl, haloC<sub>1-3</sub>alkyl, C<sub>1-3</sub>alkoxy and haloC<sub>1-3</sub> alkoxy groups,



b) Aryl or HAR, each optionally substituted with 1-3 halo groups and 1-2 groups selected from C<sub>1-3</sub>alkyl, haloC<sub>1-3</sub>alkyl, C<sub>1-3</sub>alkoxy and haloC<sub>1-3</sub> alkoxy groups.

8. **(original)** A compound in accordance with claim 7 wherein R<sup>3</sup> is selected from the group consisting of:

a) C<sub>1-6</sub>alkyl optionally substituted with:  
1-3 halo groups up to perhalo;  
1 C<sub>1-3</sub>alkoxy or haloC<sub>1-3</sub>alkoxy group;  
1 NR<sup>c</sup>R<sup>d</sup> group; wherein R<sup>c</sup> and R<sup>d</sup> are independently selected from H, C<sub>1-3</sub>alkyl and phenyl; and

1 Aryl or HAR group, each optionally substituted with 1-3 halo groups and 1-2 groups selected from C<sub>1-3</sub>alkyl, haloC<sub>1-3</sub>alkyl, C<sub>1-3</sub>alkoxy and haloC<sub>1-3</sub>alkoxy groups,

b) Aryl or HAR, each optionally substituted with 1-3 halo groups and 1 group selected from: C<sub>1-3</sub>alkyl, haloC<sub>1-3</sub>alkyl, C<sub>1-3</sub>alkoxy and haloC<sub>1-3</sub> alkoxy.

9. **(original)** A compound in accordance with claim 1 wherein:

R<sup>4</sup> represents an Aryl or HAR group, each optionally substituted as set forth below:

(1) 1-2 C<sub>1-10</sub>alkyl or C<sub>2-10</sub>alkenyl groups, which are optionally substituted with 1-3 halo groups, or phenyl optionally substituted with 1-2 halo, C<sub>1-4</sub>alkyl or alkoxy groups, each being further optionally substituted with 1-3 halo groups;

(2) 1-2 C<sub>1-10</sub>alkoxy or C<sub>3-10</sub>alkenyloxy groups, which are optionally substituted with 1-3 halo groups, 1-2 OH or S(O)<sub>p</sub>R<sup>d</sup>, and phenyl optionally substituted as follows: 1-3 halo groups up to perhalo; 1-2 C<sub>1-6</sub>alkyl or alkoxy groups, each being further optionally substituted with 1-3 halo up to perhalo, or 1-2 hydroxy or CO<sub>2</sub>R<sup>a</sup> groups;

(3) 1-2 Aryl, HAR or Hetcy, OArly, OHAR or OHetcy groups, each optionally substituted as follows:

(i) 1-3 halo groups;

(ii) 1-2 C<sub>1-3</sub>alkyl or C<sub>2-4</sub>alkenyl groups each optionally substituted with 1-3 halo groups, and 1 of OH, phenyl, CO<sub>2</sub>R<sup>a</sup>, CN and S(O)<sub>p</sub>R<sup>d</sup>;

- (iii) 1-2 C<sub>1-3</sub>alkoxy groups the alkyl portion of which being optionally substituted with 1-3 halo groups, and 1 of OH, phenyl, CO<sub>2</sub>R<sup>a</sup>, CN or S(O)<sub>p</sub>R<sup>d</sup>; and
- (iv) 1-2 CO<sub>2</sub>R<sup>a</sup>, S(O)<sub>p</sub>R<sup>d</sup>, CN, NR<sup>b</sup>R<sup>c</sup>, NO<sub>2</sub> or OH groups;

said Aryl, HAR or Hetcy group R<sup>4</sup> being further optionally substituted on carbon by a group selected from the group consisting of;

- (4) 1-5 halo groups;
- (5) 1-2 OH groups;
- (6) 1 S(O)<sub>p</sub>R<sup>d</sup>, NO<sub>2</sub> or CN group.

10. **(original)** A compound in accordance with claim 1 wherein R<sup>5</sup> represents H or CH<sub>3</sub>.

11. **(original)** A compound in accordance with claim 1 wherein R<sup>8</sup> is selected from the group consisting of H and C<sub>1-3</sub>alkyl.

12. **(original)** A compound in accordance with claim 1 wherein R<sup>6</sup> and R<sup>7</sup> represent H.

13. **(original)** A compound in accordance with claim 9 wherein R<sup>9</sup> represents H.

14. **(original)** A compound in accordance with claim 1 wherein m is 0 and n is an integer selected from 0 to 2.

15. **(original)** A compound in accordance with claim 1 wherein when n is 1 or 2, Z is selected from CO<sub>2</sub>R<sup>a</sup> and 5-tetrazolyl, when both m and n are 0, Z is 5-tetrazolyl.

16. **(original)** A compound in accordance with claim 1 wherein:

$R^1$  is selected from the group consisting of: H, halo,  $C_{1-10}$ alkyl and  $OC_{1-10}$ alkyl, said alkyl and O-alkyl groups being optionally substituted with 1-5 halo groups up to a perhaloalkyl or perhaloalkoxy;

each  $R^2$  represents H or is independently selected from the group consisting of:

a) halo or  $S(O)_pR^d$ ; wherein p is 2 and  $R^d$  represents  $C_{1-10}$ alkyl;

b)  $C_{1-10}$ alkyl,  $C_{2-10}$ alkenyl,  $OC_{1-10}$ alkyl and  $OC_{3-10}$ alkenyl, said groups being optionally substituted with:

- (1) 1-5 halo groups up to perhaloalkyl;
- (2) 1  $C_{1-10}$ alkoxy group, each optionally substituted with:  
up to five halo or perhaloalkoxy, 1 OH or  $CO_2R^a$  group;
- (3) 1 Aryl or HAR group, each optionally substituted as follows:
  - (a) 1-5 halo groups,
  - (b) 1-2  $C_{1-10}$ alkyl or alkoxy groups, each optionally

substituted with: 1-5 halo, up to perhaloalkyl, and 1-2 OH or  $CO_2R^a$  groups;

c) Aryl or HAR, each optionally substituted with:

- (1) 1-2  $C_{1-10}$ alkyl groups optionally substituted with 1-5 halo groups;
- (2) 1-2  $C_{1-10}$ alkoxy groups, the alkyl portion of which is optionally

substituted with 1-5 halo groups;

said Aryl or HAR being further optionally substituted on carbon by 1-3 halo groups; up to perhalo;

$R^3$  is selected from the group consisting of:

a)  $C_{1-6}$ alkyl optionally substituted with:

1-3 halo groups up to perhalo;

1 OH,  $C_{1-3}$ alkoxy or halo $C_{1-3}$ alkoxy group;

1  $NR^cR^d$  group; and

1 Aryl or HAR group, each optionally substituted with 1-3 halo groups and 1-2 groups selected from  $C_{1-3}$ alkyl, halo $C_{1-3}$ alkyl,  $C_{1-3}$ alkoxy and halo $C_{1-3}$  alkoxy;

b) Aryl or HAR, each optionally substituted with 1-3 halo groups and 1-2 groups selected from  $C_{1-3}$ alkyl, halo $C_{1-3}$ alkyl,  $C_{1-3}$ alkoxy and halo $C_{1-3}$  alkoxy;

$R^4$  represents an Aryl or HAR group, each optionally substituted as set forth below:

(1) 1-2  $C_{1-10}$ alkyl or  $C_{2-10}$ alkenyl groups, which are optionally substituted with 1-3 halo groups, or phenyl optionally substituted with 1-2 halo,  $C_{1-4}$ alkyl or alkoxy groups, each being further optionally substituted with 1-3 halo groups;

(2) 1-2  $C_{1-10}$ alkoxy or  $C_{3-10}$ alkenyloxy groups, which are optionally substituted with 1-3 halo groups, 1-2 OH or  $S(O)_pR^d$ , and phenyl optionally substituted as follows: 1-3 halo groups up to perhalo; 1-2  $C_{1-6}$ alkyl or alkoxy groups, each being further optionally substituted with 1-3 halo up to perhalo, or 1-2 hydroxy or  $CO_2R^a$  groups;

(3) 1-2 Aryl, HAR or Hetcy, OArly, OHAR or OHetcy groups, each optionally substituted as follows:

(i) 1-3 halo groups;

(ii) 1-2  $C_{1-3}$ alkyl or  $C_{2-4}$ alkenyl groups each optionally substituted with 1-3 halo groups, and 1 of OH, phenyl,  $CO_2R^a$ , CN and  $S(O)_pR^d$ ;

(iii) 1-2  $C_{1-3}$ alkoxy groups the alkyl portion of which being optionally substituted with 1-3 halo groups, and 1 of OH, phenyl,  $CO_2R^a$ , CN and  $S(O)_pR^d$ ; and

(iv) 1-2  $CO_2R^a$ ,  $S(O)_pR^d$ , CN,  $NR^bR^c$ ,  $NO_2$  or OH groups;

said Aryl, HAR or Hetcy group  $R^4$  being further optionally substituted on carbon by a group selected from the group consisting of;

(4) 1-5 halo groups;

(5) 1-2 OH groups;

(6) 1  $S(O)_pR^d$ ,  $NO_2$  or CN group;

$R^5$  represents H or  $CH_3$ ;

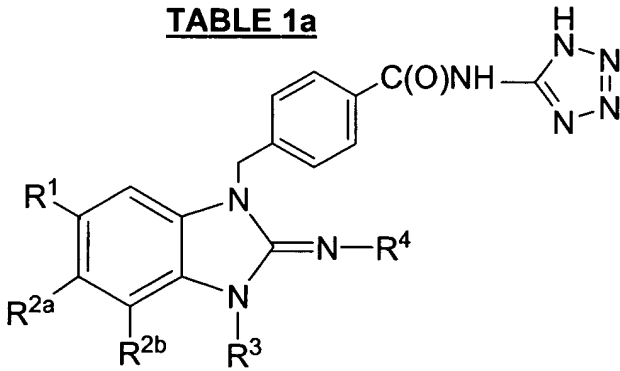
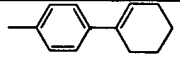
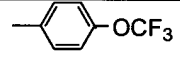
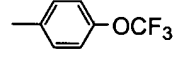
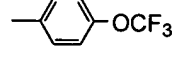
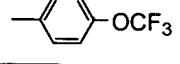
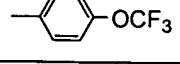
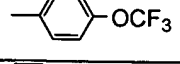
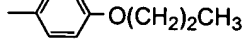
$R^8$  is selected from the group consisting of H and  $C_{1-3}$ alkyl;

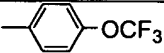
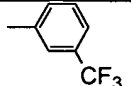
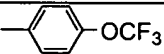
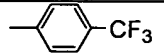
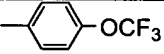
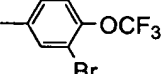
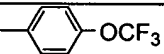
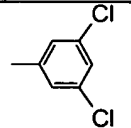
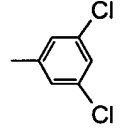
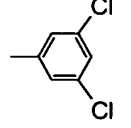
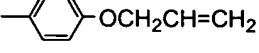
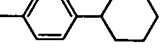
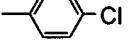
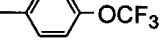
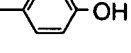
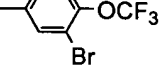
$R^6$ ,  $R^7$  and  $R^9$  represents H;

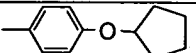
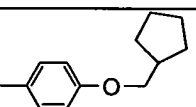
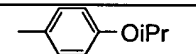
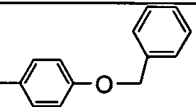
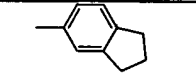
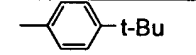
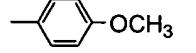
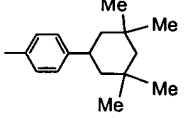
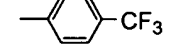
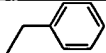
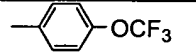
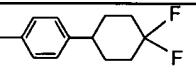
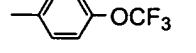
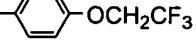
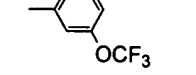
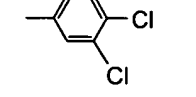
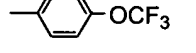
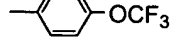
and m is 0 and n is an integer selected from 0 to 2, such that when n is 1 or 2, Z is selected from  $CO_2R^a$  and 5-tetrazolyl, and when both m and n are 0, Z is 5-tetrazolyl.

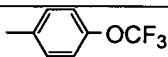
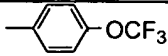
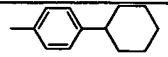
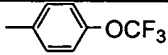
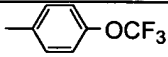
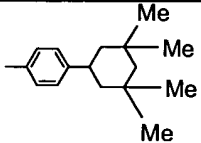
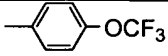
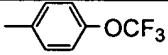
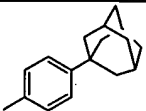
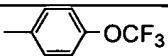
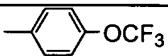
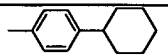
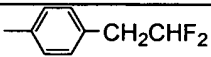
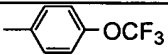
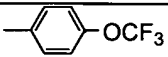
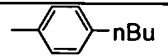
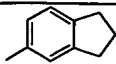
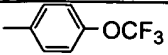
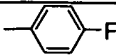
17. (original) A compound in accordance with claim 16 wherein R<sup>1</sup> is selected from the group consisting of: H, halo, C1-4 alkyl, C1-4 alkoxy, said alkyl and alkoxy being optionally substituted with 1-3 halo groups.

18. (original) A compound in accordance with claim 1 selected from Table 1a or 1b below:

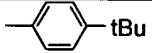
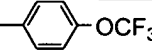
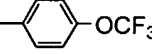

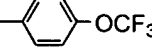
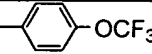
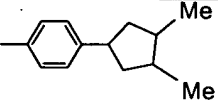
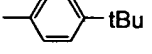
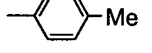
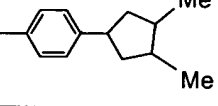
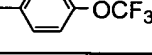
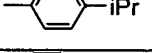
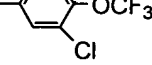
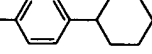
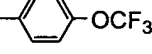
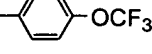
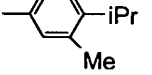
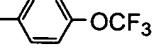
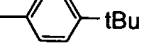
<div style="text-align: center;"> <p><b>TABLE 1a</b></p>  </div>					
Cpd	R <sup>1</sup>	R <sup>2a</sup>	R <sup>2b</sup>	R <sup>3</sup>	R <sup>4</sup>
1	H	H	H	-Me	
2	Cl	Cl	H	-Et	
3	Cl	H	H	-Me	
4	Cl	Cl	H	-Et	
5	-OCF <sub>3</sub>	H	H	-Me	
6	Cl	H	-O(CH <sub>2</sub> ) <sub>2</sub> CH <sub>3</sub>	-Et	
7	-CF <sub>3</sub>	Cl	H	-Me	
8	Cl	Cl	H	-Me	

9	Cl	H	Cl	-Me	
10	-CF <sub>3</sub>	H	H	-Me	
11	Cl	Cl	H	-Me	
12	-CF <sub>3</sub>	H	H	-Me	
13	H	Cl	H	-Me	
14	Cl	Cl	H	-Me	
18	-CF <sub>3</sub>	H	H	-Et	
19	H	H	H	-Me	
20	-OMe	H	H	-Me	
22	Cl	Cl	H	-Me	
23	Cl	Cl	H	-Me	
24	Cl	Cl	H	-Me	
26	-CF <sub>3</sub>	H	H	-Me	
27	-OnPr	H	H	-Me	
28	Cl	Cl	H	-Me	
31	Cl	Cl	H	-Et	

32	Cl	Cl	H	-Me	
33	Cl	Cl	H	-Me	
34	Cl	Cl	H	-Me	
35	Cl	Cl	H	-Me	
36	Cl	Cl	H	-Me	
37	Cl	Cl	H	-Me	
38	Cl	Cl	H	-Me	
39	-OMe	H	H	-Me	
40	Cl	Cl	H	-Me	
41	Cl	Cl	H		
42	-OMe	H	H	-Me	
43	Cl	H	-OnBu	-Me	
44	H	-OnPr	H	-Me	
45	Cl	Cl	H	-Me	
46	Cl	Cl	H	-Me	
47	Cl	Cl	H	-CH2CH2F	
48	Cl	Cl	H	iPr	

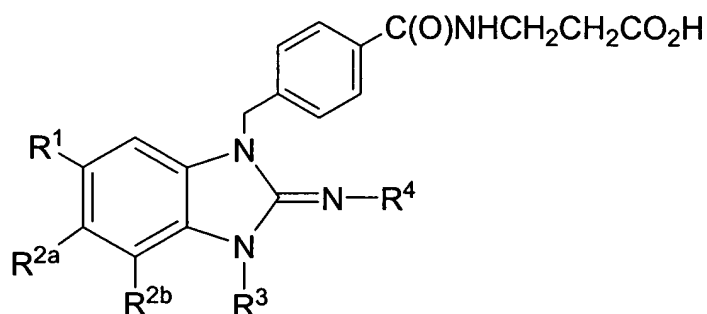
49	Cl	Cl	H	$-(\text{CH}_2)_2\text{OMe}$	
50	Cl	Cl	H	$-(\text{CH}_2)_2\text{NMe}_2$	
51	$\text{CF}_3$	H	H	Me	
52	$\text{CF}_3$	H	$\text{CF}_3$	Me	
53	Cl	Cl	H	$-(\text{CH}_2)_3\text{OMe}$	
54	$\text{CF}_3$	H	H	Me	
55	$\text{CF}_3$	H	Br	Me	
56	Cl	Cl	H	$-(\text{CH}_2)_3\text{NMe}_2$	
57	OMe	H	H	Me	
58	Cl	H	OMe	Me	
59	$\text{CF}_3$	H	Et	Me	
60	Cl	H	OMe	Me	
61	H	-OnPr	H	Me	
62	$\text{CF}_3$	H	$-\text{CH}=\text{CH}_2$	Me	
63	$\text{CF}_3$	H	$\text{SO}_2\text{Me}$	Me	
64	$\text{CF}_3$	H	H	Me	
65	$\text{CF}_3$	H	Et	Me	
66	$\text{CF}_3$	H	Me	Me	
67	$\text{CF}_3$	H	Et	Me	



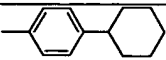
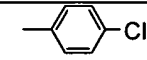
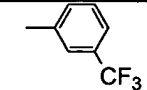
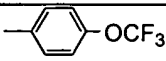
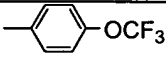
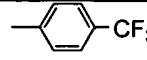
68	CF <sub>3</sub>	H	Et	Me	
69	Cl	H	OiPr	Me	
70	Cl	H	OnPr	Me	
71	CF <sub>3</sub>	H		Me	
72	Cl	H	OEt	Me	
73	CF <sub>3</sub>	H	H	Me	
74	Cl	H	OMe	Me	
75	CF <sub>3</sub>	H	Et	Me	
76	OMe	H	H	Me	
77	CF <sub>3</sub>	H	OnBu	Me	
78	CF <sub>3</sub>	H	Et	Me	
79	L	H	OMe	Me	
80	F	H	H	Me	
81	CF <sub>3</sub>	H	OMe	Me	
82	Cl	H	OH	Me	
83	OMe	H	H	Me	
84	CF <sub>3</sub>	H	OnPr	Me	
85	CF <sub>3</sub>	H	OMe	Me	

86	CF <sub>3</sub>	H	OMe	Me	
87	H	H	OnPr	Me	
88	CF <sub>3</sub>	H	OnPr	Me	
90	CF <sub>3</sub>	H	OEt	Me	
91	CF <sub>3</sub>	H	Et	Et	
92	CF <sub>3</sub>	H	Et	Et	
95	CF <sub>3</sub>	H	Cl	Me	
96	CF <sub>3</sub>	H	H	Me	
97	H	OnPr	H	Me	

**TABLE 1b**



Cpd	R <sup>1</sup>	R <sup>2a</sup>	R <sup>2b</sup>	R <sup>3</sup>	R <sup>4</sup>
15	H	Cl	H	Me	
17	Cl	Cl	H	Me	
21	OMe	H	H	Me	

25	Cl	Cl	H	Me	
29	CF <sub>3</sub>	H	H	Me	
30	CF <sub>3</sub>	H	H	Me	
89	Cl	H	OnPr	Et	
93	H	H	OnPr	Me	
94	CF <sub>3</sub>	H	H	Me	

or a pharmaceutically acceptable salt or solvate thereof.

19. **(original)** A pharmaceutical composition comprising a compound in accordance with claim 1 in combination with a pharmaceutically acceptable carrier.

20. **(original)** A method of treating type 2 diabetes mellitus in a mammalian patient in need of such treatment comprising administering to said patient a compound in accordance with claim 1 in an amount that is effective to treat said type 2 diabetes mellitus

21 – 44. **(canceled)**